

SEQUENCE LISTING

<110> Alessi, Dario  
Balendran, Anudharan  
Deak, Maria  
Currie, Ricahrd  
Downes, Peter  
Casamayor, Antonio

<120> Enzyme

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<141> 2000-03-17

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Phe Asp Tyr Ile Ala Asp Trp Cys

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Asp Glu Asp Ala Ile Lys Arg Ile Asp Gln Ser Glu Phe Glu Gly Phe

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Glu Tyr Ile Asn Pro Leu Leu

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Phe Arg Asp Phe Asp Tyr

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☐ Glu Tyr Ile Asn Pro Leu Leu

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Arg Pro Arg Thr Ala Ala Phe

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Glu Asp Val Lys Lys His Pro Phe Phe Arg Leu Ile Asp Trp Ser Ala

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1 5 10 15

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☐

Leu Met Asp Lys Lys Val Lys Pro Pro Phe Ile Pro Thr Ile Arg Gly

☐

20 25 30

☐

☐

Arg Glu Asp Val Ser Asn Phe Asp Asp Glu Phe Thr Ser Glu Ala Pro

☐

35 40 45

☐



Ile Leu Thr Pro Pro Arg Glu Pro Arg Ile Leu Ser Glu Glu Glu Gln

□ 50 55 60

□

□  
Glu Met Phe Arg Asp Phe Asp Tyr Ile Ala Asp Trp Cys

A number line from 60 to 80 with tick marks every 5 units. The numbers 65, 70, and 75 are labeled. A point is marked with a square at 68.



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Leu Leu Ala Arg Arg Leu Pro Pro Pro Phe Val Pro Thr Leu Ser Gly

□                      20                      25                      30



Arg Thr Asp Val Ser Asn Phe Asp Glu Glu Phe Thr Gly Glu Ala Pro  
□

□ 35 40 45

9

Thr Leu Ser Pro Pro Arg Asp Ala Arg Pro Leu Thr Ala Ala Glu Gln  
□

□ 50 55 60

☐  
 Ala Ala Phe Leu Asp Phe Asp Phe Val Ala Gly Gly Cys  
☐  
 65 70 75  
☐  
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☐  
 Val Tyr Glu Lys Lys Leu Ser Pro Pro Phe Lys Pro Gln Val Thr Ser  
☐  
 20 25 30  
☐  
☐  
 Glu Thr Asp Thr Arg Tyr Phe Asp Glu Glu Phe Thr Ala Gln Met Ile  
☐  
 35 40 45  
☐  
☐  
 Thr Ile Thr Pro Pro Asp Gln Asp Asp Ser Met Glu Cys Val Asp Ser  
☐  
 50 55 60  
☐  
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 65 70 75 80  
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☐

☐

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Gly Glu Val Gln Ala His Pro Phe Phe Arg His Ile Asn Trp Glu Glu

☐

1

5

10

15

☐

☐

Leu Leu Ala Arg Lys Val Glu Pro Pro Phe Lys Pro Leu Leu Gln Ser

☐

20

25

30

☐

☐

Glu Glu Asp Val Ser Gln Phe Asp Ser Lys Phe Thr Arg Gln Thr Pro

☐

35

40

45

☐

☐

Val Asp Ser Pro Asp Asp Ser Thr Leu Ser Glu Ser Ala Asn Gln Val

☐

50

55

60

☐

☐

Phe Leu Gly Phe Thr Tyr Val Ala Pro Ser Val

☐

65

70

75

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Ser Asp Ile Lys Ser His Ala Phe Phe Arg Ser Ile Asp Trp Asp Leu

☐

1

5

10

15

☐

☐

Leu Glu Lys Lys Gln Ala Leu Pro Pro Phe Gln Pro Gln Ile Thr Asp

☐

20

25

30

☐

☐

Asp Tyr Gly Leu Asp Asn Phe Asp Thr Gln Phe Thr Ser Glu Pro Val

☐

35

40

45

☐

☐

Gln Leu Thr Pro Asp Asp Glu Asp Ala Ile Lys Arg Ile Asp Gln Ser

☐

50

55

60

☐

☐

Glu Phe Glu Gly Phe Glu Tyr Ile Asn Pro Leu Leu

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Arg Asp Val Arg Glu His Ala Phe Phe Arg Arg Ile Asp Trp Glu Lys

☐

1 5 10 15

☐

☐

Leu Glu Asn Arg Glu Ile Gln Pro Pro Phe Lys Pro Lys Val Cys Gly

☐

20 25 30

☐

☐

Lys Gly Ala Glu Asn Phe Asp Lys Phe Phe Thr Arg Gly Gln Pro Val

☐

35 40 45

☐

☐

Leu Thr Pro Pro Asp Gln Leu Val Ile Ala Asn Ile Asp Gln Ser Asp

☐

50 55 60

☐

☐

Phe Glu Gly Phe Ser Tyr Val Asn Pro Gln Phe

☐

65 70 75

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Ser Asp Ile Lys Thr His Lys Trp Phe Ala Thr Thr Asp Trp Ile Ala



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10

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Ile Tyr Gln Arg Lys Val Glu Ala Pro Phe Ile Pro Lys Phe Gly Arg



20

25

30



Ser Gly Asp Thr Ser Asn Phe Asp Asp Tyr Glu Glu Glu Asp Ile Arg

☐

35

40

45

5

0

Val Ser Ile Thr Glu Cys Ala Lys Glu Lys Phe Gly Glu Phe

5

50

55

60

